

ABSTRACT OF THE DISCLOSURE

An embodiment of the present invention includes a buffer, a selector, and an analyzer. The buffer stores at least a default stream coded by a multiple description (MD) coding and a restart stream coded by a predictive coding. The default and restart streams correspond to a media content. The selector selects a transmit frame from the default and restart streams according to a transmission status. The transmit frame is transmitted to a receiver. The analyzer provides the transmission status based on feedback information provided by the receiver.